

IN THE CLAIMS:

Please AMEND claims 142 and 155, as follows:

1-141. (CANCELLED)

142. (CURRENTLY AMENDED) A recording and/or reproducing method comprising:
recording and/or reproducing a real time file requiring real time recording and/or
reproduction on a recording medium according to real time recording and/or reproduction
information for ensuring real time reproduction; and
recording and/or reproducing the real time recording and/or reproduction information in
with respect to a file type field, where the file type field is in an (ICB) TAG field of a file entry for a
universal disk format (UDF) system.

143-148. (CANCELLED)

149. (CURRENTLY AMENDED) The recording and/or reproducing method of claim 142,
further comprising reproducing the real time file using the real time recording and/or reproduction
information.

150. (CURRENTLY AMENDED) The recording and/or reproducing method of claim 142,
wherein the real time file is one of a plurality of files requiring real time reproduction, and the
recording and/or reproducing the recording and/or reproducing information comprises storing the
real time recording/reproduction information in corresponding ones of the plurality of real time
files.

151. (PREVIOUSLY PRESENTED) The recording and/or reproducing method of claim
142, wherein the real time recording/reproduction information includes file indication information
indicating that the real time file require real time recording and/or reproduction.

152. (PREVIOUSLY PRESENTED) The recording and/or reproducing method of claim
142, wherein the real time recording/reproduction information includes at least one of:
recording/reproduction bit rate information,

information on minimum contiguous storage blocks satisfying a condition in which a playback time of a current data block is greater than a sum of a seek time and a read time of a data block to be played back next, and

information on a play back time for ensuring minimum contiguous storage.

153. (PREVIOUSLY PRESENTED) The recording and/or reproducing method of claim 149, wherein: the real time file is one of a plurality of files, and the recording and/or reproducing the real time file comprises:

reading a volume area on the recording medium; and

reproducing one of the plurality of files as the real time file in accordance with the real time recording and/or reproduction information.

154. (PREVIOUSLY PRESENTED) The recording and/or reproducing method of claim 153, wherein the reproducing of the file comprises analyzing recording/reproduction bit rate information, defect management information, file allocation information, and file buffering information according to the real time recording and/or reproduction information.

155. (CURRENTLY AMENDED) A recording and/or reproducing method comprising recording and/or reproducing a real time file requiring real time recording and/or reproduction on a recording medium according to real time recording and/or reproduction information for ensuring real time reproduction,

wherein:

the real time recording and/or reproduction information is processed to ensure real time reproduction of the real time file, and

the processed real time recording and/or reproduction information includes a size of minimum contiguous storage blocks.

156. (PREVIOUSLY PRESENTED) The recording and/or reproducing method of claim 155, wherein the size of the minimum contiguous storage blocks corresponds to a size which ensures real time reproduction of data in the contiguous storage blocks during reproduction of the real time file.

157. (PREVIOUSLY PRESENTED) The recording and/or reproducing method of claim 156, wherein the real time file has a size of more than the size of the minimum contiguous storage blocks indicated in the real time recording and/or reproducing information.

158. (PREVIOUSLY PRESENTED) The recording and/or reproducing method of claim 155, wherein the size of the minimum contiguous storage blocks corresponds to a size below which real time reproduction cannot be performed.

159. (PREVIOUSLY PRESENTED) The recording and/or reproducing method of claim 155, further comprising:

determining whether the recording medium has sufficient contiguous storage blocks available to satisfy the minimum contiguous storage blocks indicated in the real time recording and/or reproduction information for the real time file; and

if it is determined that the recording medium does not have sufficient contiguous storage blocks available, informing a user that the real time file cannot be recorded as a real time file for which real time reproduction is ensured.

160. (PREVIOUSLY PRESENTED) The recording and/or reproducing method of claim 155, further comprising:

during recording of the real time file on the recording medium, determining whether the recording medium has sufficient contiguous storage blocks available to satisfy the minimum contiguous storage blocks indicated in the real time recording and/or reproduction information; and

if it is determined that the recording medium does have sufficient contiguous storage blocks available, recording the real time file along with the real time recording and/or reproduction information so as to ensure real time reproduction.

161. (PREVIOUSLY PRESENTED) The recording and/or reproducing method of claim 155, further comprising:

determining whether the recording medium has sufficient contiguous storage blocks available to satisfy the minimum contiguous storage blocks required to perform real time recording and/or reproduction of the real time file; and

if it is determined that the recording medium does not have sufficient contiguous storage blocks available, recording the real time file as a non-real time file along with the real time recording and/or reproduction information which does not indicate that real time reproduction is ensured but which is for use in ensuring real time recording and/or reproduction for when the real time file is again recorded on another recording medium.

162. (PREVIOUSLY PRESENTED) The recording and/or reproducing method of claim 161, further comprising:

recording the non-real time file with the real time recording and/or reproducing information on the another medium and using the real time for use in ensuring real time reproduction for when the real time file recorded on another recording medium in accordance with the real-time recording and/or reproducing information.

163. (PREVIOUSLY PRESENTED) The recording and/or reproducing method of claim 155, wherein:

the real time file comprises multiple blocks, and

the recording and/or reproducing information comprises information for recording groups of the blocks in multiple locations while ensuring reproduction in real time.

164. (PREVIOUSLY PRESENTED) The recording and/or reproducing method of claim 163, wherein the real time recording and/or reproduction information indicates that each of the groups of blocks of the recorded one real time file must be recorded contiguously and have a minimum number of blocks per recorded contiguous group of blocks so as to ensure real time reproduction of the real time file.

165. (PREVIOUSLY PRESENTED) The recording and/or reproducing method of claim 152, wherein the real time recording/reproduction information is the recording/reproduction bit rate information.

166. (PREVIOUSLY PRESENTED) The recording and/or reproducing method of claim 152, wherein the real time recording/reproduction information is the information on minimum contiguous storage blocks satisfying the condition in which the playback time of the current data block is greater than the sum of the seek time and the read time of a data block to be played back next.

167. (PREVIOUSLY PRESENTED) The recording and/or reproducing method of claim 152, wherein the real time recording/reproduction information is the information on the play back time for ensuring minimum contiguous storage.

168. (PREVIOUSLY PRESENTED) The recording and/or reproducing method of claim 142, further comprising, during the recording the real time file having a plurality of storage blocks, determining based on the real time recording and/or reproduction information a size of a minimum number of the plurality of the storage blocks which need to be contiguously stored to ensure real time reproduction of the real time file.

169. (PREVIOUSLY PRESENTED) The recording and/or reproducing method of claim 168, wherein the size of the minimum contiguous storage blocks corresponds to a size below which real time reproduction cannot be performed.

170. (PREVIOUSLY PRESENTED) The recording and/or reproducing method of claim 142, further comprising:

determining whether the recording medium has sufficient contiguous storage blocks available to ensure reproduction according to the real time recording and/or reproduction information for the real time file; and

if it is determined that the recording medium does not have sufficient contiguous storage blocks available, informing a user that the real time file cannot be recorded as a real time file for which real time reproduction is ensured.

171. (PREVIOUSLY PRESENTED) The recording and/or reproducing method of claim 142, further comprising:

during recording of the real time file on the recording medium, determining whether the recording medium has sufficient contiguous storage blocks available according to the real time recording and/or reproduction information; and

if it is determined that the recording medium does have sufficient contiguous storage blocks available, recording the real time file along with the real time recording and/or reproduction information so as to ensure real time reproduction.

172. (PREVIOUSLY PRESENTED) The recording and/or reproducing method of claim 142, further comprising:

determining whether the recording medium has sufficient contiguous storage blocks available to perform real time recording and/or reproduction of the real time file; and

if it is determined that the recording medium does not have sufficient contiguous storage blocks available, recording the real time file as a non-real time file along with the real time recording and/or reproduction information which does not indicate that real time reproduction is ensured but which is for use in ensuring real time recording and/or reproduction for when the real time file is again recorded on another recording medium.

173. (PREVIOUSLY PRESENTED) The recording and/or reproducing method of claim 172, further comprising:

recording the non-real time file with the real time recording and/or reproducing information on the another medium and using the real time for use in ensuring real time reproduction for when the real time file recorded on another recording medium in accordance with the real-time recording and/or reproducing information.

174. (PREVIOUSLY PRESENTED) The recording and/or reproducing method of claim 142, wherein:

the real time file comprises multiple blocks, and

the recording and/or reproducing information comprises information for recording groups of the blocks in multiple locations while ensuring reproduction in real time.